

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A low-pressure mercury vapor discharge lamp comprising a discharge vessel (10),

the discharge vessel (10) enclosing, in a gastight manner, a discharge space (11) provided with a filling of mercury and a rare gas,

the discharge vessel (10) comprising discharge means for maintaining a discharge in the discharge space (11),

while at least a portion of an inner wall (12) of the discharge vessel (10) is provided with a transparent layer (16), and

a side of the transparent layer (16) facing the discharge space (11) is provided with a luminescent layer (17) comprising a luminescent material, characterized in that

a side of the luminescent layer (17) facing the discharge space (11) is provided with a further transparent layer (18).

2. (original) A low-pressure mercury vapor discharge lamp as claimed in claim 1, characterized in that the transparent layer (16) and the further transparent layer (17) comprise

a material selected from the group formed by oxides of scandium, yttrium, and a further rare-earth metal, and/or

a material selected from the group formed by borates of an alkaline-earth metal, scandium, yttrium, and a further rare-earth metal, and/or

a material selected from the group formed by phosphates of an alkaline-earth metal, scandium, yttrium, and a further rare-earth metal.

3. (currently amended) A low-pressure mercury vapor discharge lamp as claimed in claim 1-~~or~~2, characterized in that the alkaline-earth metal is calcium, strontium, and/or barium.

4. (currently amended) A low-pressure mercury vapor discharge lamp as claimed in claim 1-~~or~~2, characterized in that the further rare-earth metal is lanthanum, cerium, and/or gadolinium.

5. (currently amended) A low-pressure mercury vapor discharge lamp as claimed in claim 3-~~or~~4, characterized in that the oxide is yttrium oxide and/or gadolinium oxide.

6. (currently amended) A low-pressure mercury vapor discharge lamp as claimed in claim 1-~~or~~2, characterized in that the

transparent layer (16) and the further transparent layer (18) have a thickness of between 5 nm and 200 nm.

7. (currently amended) A low-pressure mercury vapor discharge lamp as claimed in claim 1-~~or~~2, characterized in that the luminescent material comprises a mixture of green-luminescing, terbium-activated cerium-magnesium aluminate, blue-luminescing barium-magnesium aluminate activated by bivalent europium, and red-luminescing yttrium oxide activated by trivalent europium.

8. (currently amended) A low-pressure mercury vapor discharge lamp as claimed in claim 1-~~or~~2, characterized in that the discharge vessel (10) is made from a glass comprising silicon dioxide and sodium oxide, with a glass composition comprising the following essential constituents, given in percentages by weight:

SiO ₂	60 - 80%,
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Na ₂ O	10 - 20%.
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9. (original) A low-pressure mercury vapor discharge lamp as claimed in claim 8, characterized in that the glass composition includes the following constituents:

SiO ₂	70-75% by weight
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Na ₂ O	15-18% by weight
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K₂O

0.25-2%. by weight

10. (currently amended) A compact fluorescent lamp comprising a low-pressure mercury-vapor discharge lamp as claimed in claim 1-~~or~~ 2, characterized in that a lamp housing (70) is attached to the discharge vessel (10) of the low-pressure mercury-vapor discharge lamp, which lamp housing is provided with a lamp cap (71).

11. (original) A compact fluorescent lamp as claimed in claim 10, characterized in that the discharge vessel (10) of the low-pressure mercury-vapor discharge lamp is surrounded by a light-transmitting envelope (60) which is attached to the lamp housing (70).